


## 27-1 GLASS WIND CHIMES 1

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	GL.WC.27.1				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
	ALGO	05	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS			
	MID C	C 3	TRI	20	00	00	00	00	ON	0		
	F.B	5										
	SYNC	ON										

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	3467.	54	+0	05	99	42	41	00	99	00	00	00	-L	A-1	00	-L	1	3	0	99	
2		F	9550.	98	+0	99	69	71	31	99	99	99	00	00	-L	A-1	00	-L	0	3	0	71	
3	C	F	3467.	54	+0	08	99	50	40	00	99	00	00	00	-L	A-1	00	-L	1	3	0	99	
4		F	9333.	97	+0	99	69	71	46	99	99	99	00	00	-L	A-1	00	-L	0	3	0	71	
5	C	F	3467.	54	+0	10	99	39	39	00	99	00	00	00	-L	A-1	00	-L	1	3	0	99	
6		F	9550.	98	+0	73	69	61	38	99	99	00	00	00	-L	A-1	00	-L	0	3	0	53	


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
007	02	00		pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 27-2 GLASS WIND CHIMES 2

TX816 VOICE DATA

ALGORITHM :  	< NAME >		< PITCH ENVELOPE >							
	GL.WC.27.2		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	05	< LFO >							
	MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
F.B	0	TRI	20	00	00	00	00	ON	0	
SYNC	ON									

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	3467.	54 +0	20	99	47	48	00	99	00	00	00	-L	A-1	00	-L	1	3	0	99		
2		F	9550.	98 +0	85	69	71	31	99	99	99	00	00	-L	A-1	00	-L	0	3	0	68		
3	C	F	3467.	54 +0	99	61	50	29	99	99	00	00	00	-L	A-1	00	-L	1	3	0	99		
4		F	9333.	97 +0	81	69	71	46	99	99	99	00	00	-L	A-1	00	-L	0	3	0	64		
5	C	F	3467.	54 +0	14	99	42	42	00	99	00	00	00	-L	A-1	00	-L	1	3	0	99		
6		F	6457.	81 +0	73	69	61	31	99	99	00	00	00	-L	A-1	00	-L	0	3	0	65		


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
007	02	00		pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 28-1 HARPSICHORD LOW

TX816 VOICE DATA

<b>ALGORITHM :</b>  	< NAME >				< PITCH ENVELOPE >							
	HARPS 28.1				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
ALGO		05		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C		C 3		TRI	35	00	00	00	OFF	2		
F.B		1										
SYNC		ON										

< FREQ >					< ENVELOPE >								< KBD SCALE >					< S >				
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	04.00	00	-2	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	89
2		N	00.50	00	+0	95	72	71	99	99	97	91	98	00	-L	A-1	00	-L	1	0	0	99
3	C	N	01.00	00	+4	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	85
4		N	03.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	+3	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	3	83
6		N	06.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	55	-L	1	0	0	87


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 28-2 HARPSICHORD HIGH

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	HARPS 28.2				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
ALGO		05		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C		C 3		TRI	35	00	00	00	OFF	2		
F.B		1										
SYNC		ON										

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.50	00	+0	95	28	23	50	99	90	00	00	00	-L	A-1	00	-L	3	0	4	87
2		N	01.50	50	+0	95	72	71	95	99	97	91	91	00	-L	A-1	00	-L	1	0	0	97
3	C	N	01.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	4	0	5	83
4		N	03.00	00	+0	95	72	71	74	99	97	94	95	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	5	0	3	91
6		N	06.00	00	+0	95	72	71	99	99	97	91	95	00	-L	B 3	55	-L	1	0	0	92

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 29-1 CLAV. 1

## TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	CLAV. 29.1		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	18	< LFO >							
MID C	C 3		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
F.B	3									
SYNC	DN		SIN	30	00	00	00	OFF	2	

OP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >		
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M V TL
1	C	N	01.00	00 +1	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0 7 99
2		N	00.50	00 -1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0 5 82
3		N	04.50	50 +0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0 7 85
4		N	03.00	00 +0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0 3 81
5		N	04.00	00 -2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0 4 74
6		N	12.00	00 +0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0 2 82

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER >			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 29-2 CLAV. 2

## TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	CLAV. 29.2		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	18	< LFO >							
MID C	C 3		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
F.B	3									
SYNC	DN		SIN	30	00	00	00	OFF	2	


OP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >		
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M V TL
1	C	N	02.00	00 -3	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0 7 99
2		N	00.50	00 -1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0 5 82
3		N	10.50	50 +0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0 7 85
4		N	03.00	00 +0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0 3 81
5		N	04.00	00 -2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0 4 74
6		N	20.00	00 +0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0 2 82

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	DN	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## TX816 VOICE DATA

<div>ALGORITHM :</div> <div></div>	< NAME >		< PITCH ENVELOPE >								
	VIBES 30.1		R1	R2	R3	R4	L1	L2	L3	L4	
			99	99	99	99	50	50	50	50	
	ALGO	23	< LFO >								
	MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	5										
SYNC	ON	TRI	26	00	00	02	ON	1			


< FREQ >		< ENVELOPE >				< KBD SCALE >				< S >												
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C 3	12	+L	2	3	7	70
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C 3	12	+L	2	3	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C 3	12	+L	4	3	4	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	3	7	99
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	3	5	99
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C 3	12	+L	5	3	7	62

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	33	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	ON	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## TXB16 VOICE DATA

<div>ALGORITHM :</div> <div></div>	< NAME >		< PITCH ENVELOPE >							
	VIBES 30.2		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	23	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	5									
SYNC	ON	SIN	19	00	18	00	ON	1		

		< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >				
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BF	RD	RC	R	M	V	TL
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C 3	12	+L	2	3	7	56
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C 3	12	+L	2	3	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C 3	12	+L	4	3	6	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	3	5	99
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	3	5	99
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C 3	12	+L	5	3	7	62

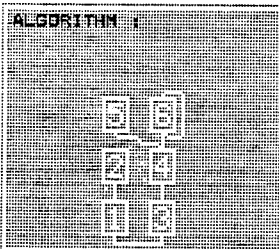
FUNCTION DATA

POLY /MOND	< PORTAMENTO > mode gliss time		
POLY	retai	OFF	00
LEVEL ATT	< P.BENDER > range step		
007	02	00	

< MODULATION >				
	MOD	F.C	B.C	A.TCH
range	26	00	99	46
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## TXB16 VOICE DATA

	< NAME >				< PITCH ENVELOPE >																			
	DB.HP.31.1				R1	R2	R3	R4	L1	L2	L3	L4												
					99	99	99	99	50	50	50	50												
					< LFO >																			
ALGO		14		WAVE		SPD	DLY	PMD	AMD	SYNC	PMS													
MID C		C 3																						
F.B		7																						
SYNC		ON		TRI		27	41	01	00	OFF	3													
< FREQ >													< ENVELOPE >				< KBD SCALE >				< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	01.00	00	+0	35	99	33	38	69	99	00	00	00	-L	A-1	00	-L	4	0	2	92		
2		N	04.00	00	+0	99	60	39	30	99	99	00	00	00	-L	C#3	28	-L	2	0	3	82		
3	C	N	01.00	00	+5	83	34	00	37	99	00	00	00	00	-L	C 1	28	-E	1	0	6	99		
4		N	02.00	00	+0	99	34	26	39	99	00	00	00	00	14	-E	A 6	99	-L	2	0	5	82	
5		N	05.00	00	+0	99	56	26	42	99	00	00	00	00	00	-L	C 1	56	-E	0	0	5	83	
6		N	06.00	00	+1	96	89	26	46	99	00	00	00	00	00	-L	A-1	00	-L	0	0	4	84	

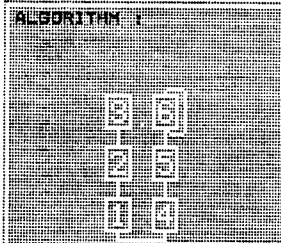
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G B

## 31-2 DOUBLE HARP 2

## TXB16 VOICE DATA

	< NAME >				< PITCH ENVELOPE >							
	DB.HP.31.2				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
ALGO		03		WAVE		SPD	DLY	PMD	AMD	SYNC	PMS	
MID C		C 3										
F.B		6										
SYNC		ON		SIN		34	33	00	00	ON	1	

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+5	32	95	29	37	65	99	00	00	00	-L	A-1	00	-L	5	0	5	99	
2		N	02.00	00	-2	95	46	32	12	99	99	00	00	00	08	+L	C#4	00	-L	3	0	3	76
3		N	02.00	00	-6	95	50	45	10	99	99	00	00	00	00	-L	G 4	37	-L	3	0	0	91
4	C	N	01.00	00	-4	74	99	23	39	81	99	00	00	00	00	-L	A-1	00	-L	3	0	5	99
5		N	03.00	00	+4	95	35	23	28	99	70	00	00	00	00	-L	C#4	35	-L	4	0	4	79
6		N	03.00	00	+1	95	48	28	24	94	79	00	00	00	54	-E	A 4	00	-L	7	0	3	89

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G B

## 32-1 BELL TREE 1

TXB16 VOICE DATA

<div>ALGORITHM 1</div>	< NAME >		< PITCH ENVELOPE >							
	BLTRE 32.1		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	14	49	51	50	50
	ALGO	31	< LFO >							
MID C	C 4	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	0									
SYNC	ON	S/H	99	00	00	99	ON	7		

< FREQ >					< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.62	62	+0	99	63	41	20	99	75	00	00	00	-L	A-1	00	-L	4	0	5	99
2	C	N	04.29	43	+0	40	80	41	22	50	91	00	00	00	-L	A-1	00	-L	4	0	5	99
3	C	N	05.72	43	+0	39	80	41	24	71	98	00	00	00	-L	A-1	00	-L	4	0	4	99
4	C	N	08.52	42	+0	33	80	41	24	66	98	00	00	00	-L	A-1	00	-L	4	0	3	99
5	C	F	2.570	41	+0	99	80	41	17	99	98	00	00	00	-L	A-1	00	-L	6	0	2	98
6		N	02.70	35	+0	99	26	41	21	99	26	00	00	00	-L	A-1	00	-L	4	0	1	92

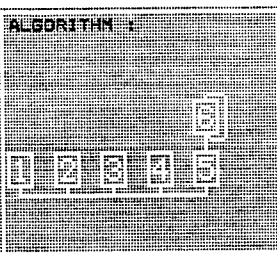
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >			
				MOD	F.C	B.C	A.TCH
POLY	retai	OFF	00				
LEVEL ATT	< P.BENDER > range step			range			
				pitch			
				amp			
				EG-bias			
007	02	00					

NOTE LIMIT LOW:C -2 HIGH:G 8

## 32-2 BELL TREE 2

TXB16 VOICE DATA

	< NAME >		< PITCH ENVELOPE >							
	BLTRE 32.2		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	14	49	51	50	50
	ALGO	31	< LFO >							
MID C	C 4	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	0									
SYNC	ON	S/H	99	00	00	99	ON	7		

< FREQ >					< ENVELOPE >					< KBD SCALE >					< S >						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BF	RD	RC	R	M	V	TL
1	C	N	01.62	62 -5	99	63	41	20	99	75	00	00	00	-L	A-1	00	-L	4	0	5	99
2	C	N	04.29	43 -5	40	80	41	22	50	91	00	00	00	-L	A-1	00	-L	4	0	5	99
3	C	N	05.72	43 -3	39	80	41	24	71	98	00	00	00	-L	A-1	00	-L	4	0	4	99
4	C	N	08.52	42 -6	33	80	41	24	66	98	00	00	00	-L	A-1	00	-L	4	0	3	99
5	C	F	3.020	48 -2	99	80	41	17	99	98	00	00	00	-L	A-1	00	-L	6	0	2	98
6		N	02.26	13 +0	99	26	41	21	99	26	00	00	00	-L	A-1	00	-L	4	0	1	92

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >			
				MOD	F.C	B.C	A.TCH
POLY	retai	OFF	00				
LEVEL ATT	< P.BENDER > range step			range			
				pitch			
				amp			
				EG-bias			
007	02	00					

NOTE LIMIT LOW:C -2 HIGH:G 8

## TXB16 VOICE DATA

FUNCTION DATA

NOTE LIMIT      LOW:C -2      HIGH:G 8


## TX816 VOICE DATA

### FUNCTION DATA

NOTE LIMIT            LOW:C -2            HIGH:G 8

## 24-5 BREATH CONTROL CLARINET BC

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	BCCLA 24.5		R1	R2	R3	R4	L1	L2	L3	L4
			00	00	00	00	50	50	50	50
			< LFO >							
ALGO	17	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C	C 3	SIN	37	42	07	00	OFF	1		
F.B	5									
SYNC	ON									

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	01.00	00	-7	65	00	12	70	99	99	99	00	00	-L	F	2	00	-L	1	3	0	99	
2		N	02.00	00	-1	65	00	12	70	99	99	99	00	00	-L	F	2	00	-L	1	3	0	75	
3		N	04.00	00	+0	65	00	12	70	99	85	20	00	00	-L	F	2	00	-L	1	2	0	68	
4		N	01.39	39	+0	85	62	12	70	99	46	25	00	00	-L	F	2	00	-L	1	2	0	68	
5		N	02.00	00	-2	65	00	12	70	99	99	99	00	00	-L	F	2	00	-L	1	2	0	61	
6		N	10.00	00	+0	65	00	12	70	99	99	99	00	00	-L	F	2	00	-L	1	2	0	47	

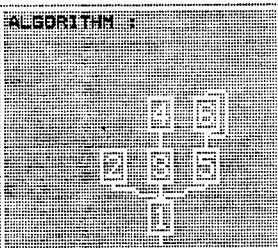
### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	follo	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 24-6 BREATH CONTROL FLUTE BC

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >								
	FLUTE 24.6		R1	R2	R3	R4	L1	L2	L3	L4	
			94	67	95	60	50	50	50	50	
			< LFO >								
ALGO	16	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS			
MID C	C 3	TRI	30	23	08	07	OFF	1			
F.B	5										
SYNC	OFF										

< FREQ >					< ENVELOPE >									< KBD SCALE >						< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	-2	61	67	70	65	93	97	98	00	00	-L	D	3	00	-L	0	2	1	98
2		N	01.00	00	+4	99	97	62	54	99	99	94	00	00	-L	A-1	00	-L	4	1	1	67	
3		N	01.00	00	-3	53	38	75	61	88	44	27	00	00	+L	G	3	00	-L	0	1	0	70
4		N	01.39	39	+0	61	25	25	60	99	50	42	00	10	-L	A	4	10	-L	3	0	0	49
5		N	02.00	00	+0	65	38	00	61	99	00	89	00	00	-L	D	4	43	-L	0	3	0	72
6		N	01.53	53	+4	99	64	98	61	99	67	54	00	00	-L	G	3	00	+L	0	2	1	89

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	follo	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8



## 25-3 RECORDER

## TXB16 VOICE DATA

ALGORITHM :	<div><div>246</div><div>135</div></div>				<div>&lt; NAME &gt;</div>		<div>&lt; PITCH ENVELOPE &gt;</div>								
					RECDR 25.3		R1	R2	R3	R4	L1	L2	L3	L4	
							62	83	80	84	41	50	50	45	
							<div>&lt; LFO &gt;</div>								
							WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
						ALGO	06								
				MID C		C 4									
				F.B		5									
				SYNC		OFF	SIN	37	42	38	99	OFF	1		

<div>&lt; FREQ &gt;</div>				<div>&lt; ENVELOPE &gt;</div>								<div>&lt; KBD SCALE &gt;</div>				<div>&lt; S &gt;</div>						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00 +0	51	00	12	62	99	90	97	00	00	-L	C	4	00	-L	1	0	4	99
2		N	03.00	00 -7	57	95	70	00	99	96	91	00	00	-L	G	2	34	-L	1	0	0	67
3	C	N	01.01	01 +0	50	00	12	56	99	90	97	00	00	-L	C	4	00	-L	1	0	5	99
4		N	02.00	00 +7	62	95	99	00	99	96	79	00	00	-L	A	3	30	-L	1	0	0	82
5	C	N	01.00	00 +0	48	00	12	59	99	90	97	00	00	-L	C	4	00	-L	1	0	0	99
6		N	05.00	00 +7	78	95	70	00	99	96	75	00	00	-L	E	4	27	-L	1	1	0	81

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 25-4 NOSE TONE

## TXB16 VOICE DATA

<b>ALGORITHM :</b> 
------------------------

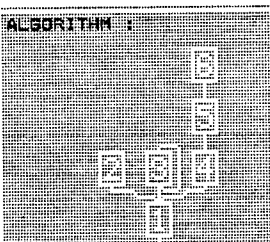
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 25-5 BREATH CONTROL SAX BC

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >																			
	BCSAX 25.5		R1	R2	R3	R4	L1	L2	L3	L4												
			94	67	95	60	50	50	50	50												
	ALGO		18	< LFO >																		
	MID C		C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS												
F.B		7	SIN	34	33	00	00	OFF	1													
SYNC		OFF																				
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	-7	64	11	07	65	99	99	99	00	00	-L	A-1	00	-L	0	3	0	95
2		N	00.50	00	+0	95	00	25	54	99	99	99	00	00	-L	C 3	53	-L	3	1	0	75
3		N	00.50	00	+0	99	16	14	64	99	99	98	00	00	-L	A 2	00	-L	0	2	0	76
4		N	00.50	00	+0	98	14	07	64	99	99	99	00	00	-L	A-1	00	-L	0	2	0	70
5		N	05.80	16	+7	98	10	06	62	98	99	99	00	00	-L	A-1	00	-L	0	3	0	52
6		N	00.50	00	+0	90	52	25	54	99	99	99	00	00	-L	E 0	00	-L	2	0	7	99


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 25-6 HUFF SYNTH

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	H.SYN 25.6		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	17	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	35	00	00	00	ON	3		
SYNC	ON									

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.000	00	+0	90	99	99	80	99	99	99	00	00	-L	A-1	00	-L	0	0	1	99
2		N	01.00	00	+0	51	99	39	99	99	99	85	00	00	-L	A-1	00	-L	2	0	7	80
3		N	02.00	00	+0	66	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	3	60
4		N	01.00	00	+0	99	67	46	99	99	37	99	00	00	-L	A-1	00	-L	0	0	3	82
5		N	02.00	00	+0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	1	26
6		N	14.56	12	+0	57	71	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	1	68

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## TXB16 VOICE DATA

	< NAME >		< PITCH ENVELOPE >																		
	BANJO 26.3		R1	R2	R3	R4	L1	L2	L3	L4											
			94	67	95	60	50	50	50	50											
	ALGO		08	< LFO >																	
MID C		C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS												
F.B		7																			
SYNC		ON	TRI	06	00	01	00	OFF	3												
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00 +0	95	62	28	58	99	60	00	00	57	+L	A 2	14	-L	7	0	0	99
2		N	01.06	06 +0	99	20	00	00	99	00	00	00	00	-L	D 3	00	-L	7	0	0	80
3	C	N	01.00	00 +2	98	36	44	56	99	99	00	00	00	-L	A-1	00	-L	3	0	0	91
4		N	05.00	00 -2	99	30	20	54	99	95	00	00	00	-L	A-1	00	-L	3	0	0	78
5		N	01.00	00 +3	99	77	26	48	99	98	00	00	00	-L	A-1	00	-L	4	0	0	75
6		N	15.00	00 +0	99	85	43	71	99	77	00	00	00	-L	A-1	00	-L	6	0	0	87

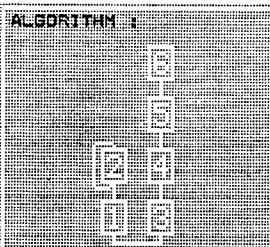
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 26-4 FIDDLE

## TXB16 VOICE DATA

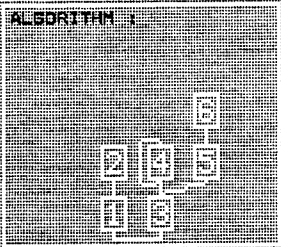
	< NAME >		< PITCH ENVELOPE >							
	FIDDLE 26.4		R1	R2	R3	R4	L1	L2	L3	L4
			78	94	66	00	47	51	50	50
			< LFO >							
		ALGO	02	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
		MID C	C 2							
		F.B	7							
		SYNC	OFF	SIN	37	39	01	00	ON	1

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00 +0	47	22	18	54	97	97	86	00	00	-L	A-1	00	-L	1	0	0	99
2		N	02.00	00 +3	99	16	13	38	99	98	98	00	02	+L	C 3	08	-L	1	0	0	76
3	C	N	02.00	00 +0	51	18	17	52	99	90	85	00	00	-L	A-1	00	-L	3	0	3	99
4		N	02.00	00 +0	59	26	00	51	99	98	90	00	08	+L	C 3	24	-L	3	0	0	82
5		N	08.00	00 +1	99	50	64	48	99	85	83	00	00	+L	D#3	09	-L	2	0	3	84
6		F	1479.	17 +5	85	42	50	53	99	99	99	00	14	-L	G 3	00	-L	0	0	3	40

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
007	02	00	pitch	ON	OFF	OFF	ON	
			amp	OFF	OFF	OFF	OFF	
			EG-bias	OFF	OFF	OFF	OFF	

NOTE LIMIT LOW:C -2 HIGH:G 8

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	J.GTR 26.5				R1	R2	R3	R4	L1	L2	L3	L4
					75	80	75	60	50	50	50	50
					< LFO >							
ALGO 08		MID C C 2		WAVE		SPD	DLY	PMD	AMD	SYNC	PMS	
F.B 7		SYNC ON		SIN		35	00	01	03	OFF	3	

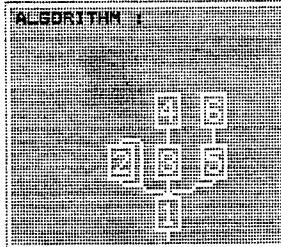
< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M V TL
1	C	N	01.00	00 +0	74	85	27	70	99	95	00	00	00	-L	A-1	00	-L	4	0 3 99
2		N	03.00	00 +0	91	25	39	60	99	86	00	00	00	-L	A-1	65	-L	2	0 4 97
3	C	N	01.00	00 +0	78	87	22	75	99	92	00	00	09	-L	G 2	00	-L	3	0 7 99
4		N	03.00	00 +0	81	87	22	75	99	92	00	00	00	-L	A-1	14	-L	4	0 4 90
5		N	03.00	00 +0	81	87	22	75	99	92	00	00	00	-L	A-1	15	-L	4	0 7 92
6		N	14.00	00 +0	99	57	99	75	99	00	00	00	53	-L	C 3	20	-L	0	0 5 75

## FUNCTION DATA

POLY /MONO	< PORTAMENTO >			< MODULATION >			
	mode	gliss	time	MOD	F.C	B.C	A.TCH
POLY	retai	OFF	00	range	99	99	99 46
LEVEL ATT	< P.BENDER >			pitch	ON	OFF	OFF ON
	range	step		amp	OFF	OFF	OFF OFF
007	02	00		EG-bias	OFF	OFF	OFF OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 26-6 OLD SPANISH

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	O.SPH 26.6				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
ALGO 17		MID C C 3		WAVE		SPD	DLY	PMD	AMD	SYNC	PMS	
F.B 7		SYNC ON		TRI		45	00	00	00	ON	3	


< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M V TL
1	C	F	1.047	02 -7	88	27	17	35	99	99	00	00	00	-L	A-1	00	-L	7	0 2 99
2		N	01.00	00 -6	96	81	35	42	99	85	76	63	00	-L	D#3	04	-L	2	0 2 97
3		N	02.00	00 +0	88	24	12	67	99	88	00	00	00	-L	A-1	00	-L	4	0 2 60
4		F	1779.	25 -2	81	48	60	40	99	46	37	00	00	-L	B 2	07	-L	6	0 3 82
5		N	01.00	00 +0	88	23	10	53	99	92	00	65	00	-L	G#2	71	-L	5	0 4 80
6		N	04.00	00 +0	88	37	16	10	99	94	00	99	00	-L	G#2	00	-L	5	0 7 95

## FUNCTION DATA

POLY /MONO	< PORTAMENTO >			< MODULATION >			
	mode	gliss	time	MOD	F.C	B.C	A.TCH
POLY	retai	OFF	00	range	99	99	99 46
LEVEL ATT	< P.BENDER >			pitch	ON	OFF	OFF ON
	range	step		amp	OFF	OFF	OFF OFF
007	02	00		EG-bias	OFF	OFF	OFF OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	MGORG 27.3		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO 05		< LFO >							
	MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
	F.B	7								
	SYNC	ON	TRI	35	00	00	00	ON	3	

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00 +0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
2		N	00.50	00 +0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	4	91
3	C	F	1.862	27 +0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
4		N	01.00	00 +0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	4	83
5	C	F	2.884	46 +0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
6		N	01.50	50 +0	90	99	80	99	99	99	90	00	00	-L	A-1	00	-L	0	0	3	80

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	ON	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 27-4 DREAM BELL

## TX816 VOICE DATA

ALGORITHM :	< NAME >		< PITCH ENVELOPE >							
	DMBEL 27.4		R1	R2	R3	R4	L1	L2	L3	L4
			00	00	00	00	50	50	50	50
			< LFO >							
	ALGO	05	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
	MID C	C 3								
	F.B	0								
	SYNC	ON	SIN	32	00	00	00	OFF	2	

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00 +4	28	45	27	37	99	99	00	00	99	-L	C 3	00	-L	2	0	4	99
2		F	6.026	78 +4	75	00	00	33	99	99	00	00	21	-L	F 2	13	-L	3	0	2	99
3	C	N	02.00	00 +0	99	62	42	32	99	99	00	00	00	+L	F 2	00	-L	2	0	5	99
4		F	6761.	83 +0	99	96	65	43	99	95	00	00	00	-L	F 2	18	-L	3	0	4	99
5	C	N	02.00	00 +0	28	00	00	33	99	95	00	00	99	-L	B 2	00	-L	4	0	4	97
6		F	4.365	64 +0	32	00	10	21	99	99	00	00	27	-L	G 3	00	-L	5	0	5	99

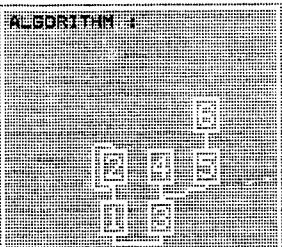
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
007	02	00	pitch	ON	OFF	OFF	ON	
			amp	OFF	OFF	OFF	OFF	
			EG-bias	OFF	OFF	OFF	OFF	

NOTE LIMIT LOW:C -2 HIGH:G 8

# 27-5 ELECTRIC GUITAR

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >																	
	STGTR 27.5				R1	R2	R3	R4	L1	L2	L3	L4										
					99	99	99	99	50	50	50	50										
	ALGO 09 MID C C 3 F.B 6 SYNC ON				< LFO >																	
WAVE					SPD	DLY	PMD	AMD	SYNC	PMS												
TRI					45	00	00	00	ON	2												
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	03.00	00	-3	88	60	24	48	99	87	00	00	00	-L	A-1	00	-L	5	0	0	99
2		N	01.00	00	+0	66	75	19	53	99	86	53	63	00	-L	D#3	15	-L	3	0	5	99
3	C	N	01.00	00	+0	88	82	18	67	99	92	00	00	00	-L	A-1	00	-L	4	0	3	99
4		F	4365.	64	-2	85	56	62	40	99	46	00	00	00	-L	B 2	07	-L	6	0	1	85
5		N	03.00	00	+0	66	80	14	67	99	92	00	54	00	-L	A-1	00	-L	5	0	5	94
6		N	09.00	00	+0	88	34	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	3	82

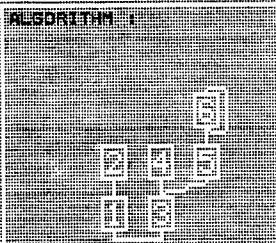
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

# 27-6 YES BUNK

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	Y.BNK 27.6				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
	ALGO 07 MID C C 2 F.B 7 SYNC ON				< LFO >							
WAVE					SPD	DLY	PMD	AMD	SYNC	PMS		
				TRI	44	00	00	00	ON	3		

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	-1	82	27	17	67	99	94	95	00	00	-L	A-1	00	-L	5	0	0	96
2		N	01.00	00	+1	90	32	28	99	99	90	03	00	00	-L	A-1	00	-L	3	0	7	85
3	C	N	03.00	00	+0	99	27	14	67	99	94	75	00	00	-L	A-1	00	-L	4	0	0	99
4		N	01.00	00	-3	99	21	14	67	99	85	97	00	00	-L	B 2	32	-L	6	0	7	94
5		N	01.00	00	+2	96	27	20	67	99	96	96	97	00	-L	A-1	00	-L	4	0	7	99
6		N	13.00	00	+0	60	71	18	67	93	94	00	00	00	-L	A-1	00	-L	2	0	7	79

## FUNCTION DATA

POLY /MONO		< PORTAMENTO > mode gliss time			< MODULATION >				
POLY		retai OFF 00			MOD		F.C	B.C	A.TCH
LEVEL ATT		< P.BENDER > range step			range	99	99	99	46
					pitch	ON	OFF	OFF	ON
					amp	OFF	OFF	OFF	OFF
007		02 00			EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 28-3 KOTO

## TXB16 VOICE DATA

<div>ALGORITHM</div>	<div>&lt; NAME &gt;</div>		<div>&lt; PITCH ENVELOPE &gt;</div>								
	KOTO 28.3		R1	R2	R3	R4	L1	L2	L3	L4	
			85	98	75	00	49	50	50	50	
	<div>ALGO 02</div>		<div>&lt; LFO &gt;</div>								
	<div>MID C C 3</div>		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
	<div>F.B 7</div>		SIN	30	40	17	15	ON	2		
	<div>SYNC ON</div>										

<div>&lt; FREQ &gt;</div>					<div>&lt; ENVELOPE &gt;</div>									<div>&lt; KBD SCALE &gt;</div>								<div>&lt; S &gt;</div>			
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	01.00	00	+0	94	62	58	34	99	92	00	00	00	-L	A-1	00	-L	6	0	4	90			
2		N	04.00	00	+0	99	68	28	48	99	83	00	00	00	-L	A-1	10	-L	6	0	2	99			
3	C	N	01.00	00	+0	94	64	30	33	99	92	00	00	00	-L	A-1	00	-L	5	0	4	99			
4		N	01.00	00	+0	90	28	17	39	99	76	00	00	00	-L	G 0	17	-E	6	0	1	82			
5		N	04.00	00	+0	91	37	29	29	99	90	00	00	00	-L	A-1	05	-L	6	0	1	83			
6		N	03.00	00	+0	82	53	37	48	99	81	00	00	00	-L	A-1	05	-L	6	0	1	81			

FUNCTION DATA


POLY /MONO	< PORTAMENTO > mode gliss time		
POLY	retai	OFF	00
LEVEL ATT	< P.BENDER > range step		
007	02	00	

< MODULATION >				
	MOD	F.C	B.C	A.TCH
range	99	99	99	46
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## 28-4 SITAR

## TX816 VOICE DATA

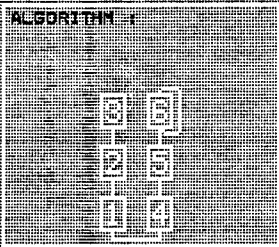
<div>ALGORITHM :</div> <div></div>	< NAME >				< PITCH ENVELOPE >							
	SITAR 28.4				R1 R2 R3 R4 L1 L2 L3 L4							
	98 98 98 98 50 50 50 50											
	ALGO 08 MID C 0 3 F.B 0 SYNC ON				< LFD > WAVE SPD DLY PMD AMD SYNC PMS TRI 28 00 00 00 00 OFF 2							

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	20.00	00	+0	99	77	26	42	99	98	00	00	00	-L	C	1	00	-E	2	0	3	68
2		N	01.00	00	+0	99	41	26	07	99	98	00	00	00	-L	C	1	00	-E	2	0	2	92
3	C	N	01.00	00	+0	99	77	26	28	99	98	00	00	00	-L	C	1	00	-E	2	0	1	86
4		N	07.00	00	-3	99	41	42	07	99	98	00	00	00	-L	C	1	00	-E	2	0	2	85
5		N	01.00	00	-5	99	77	26	07	99	98	00	00	00	-L	C	1	00	-E	2	0	3	82
6		N	09.00	00	+1	99	41	26	10	99	98	00	00	00	-L	C	1	00	-E	2	0	1	32

FUNCTION DATA

POLY /MOND	< PORTAMENTO > mode gliss time		< MODULATION >				
POLY	retai	OFF 00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step		range	99	99	99	46
			pitch	ON	OFF	OFF	ON
			amp	OFF	OFF	OFF	OFF
007	02	00	EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT                      LOW:C -2                      HIGH:G 8

<div>ALGORITHM 1</div> 	< NAME >				< PITCH ENVELOPE >								
	H.SYN 28.5				R1	R2	R3	R4	L1	L2	L3	L4	
					99	99	99	99	50	50	50	50	
					< LFO >								
ALGO	03	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS					
MID C	C 3	TRI	41	00	00	00	00	ON	2				
F.B	2												
SYNC	OFF												


< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	F	1.000	00 +0	83	99	99	87	99	99	99	00	00	-L	A-1	00	-L	0	0	1	99			
2		N	01.00	00 +7	57	40	18	64	99	98	82	48	00	-L	A 3	01	-L	1	0	0	85			
3		F	6026.	78 +0	21	46	35	71	91	82	00	00	00	-L	C 3	01	-L	0	0	0	55			
4	C	F	1.000	00 +0	92	99	15	82	99	99	75	00	00	-L	A-1	00	-L	0	0	0	92			
5		N	01.00	00 +0	57	99	12	65	99	99	84	00	00	-L	A-1	00	-L	0	0	3	88			
6		F	2.188	34 +0	99	44	01	71	99	99	75	00	00	-L	D 3	12	-L	0	0	2	78			

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 28-6 STEEL DRUMS

<div>ALGORITHM 1</div> 	< NAME >				< PITCH ENVELOPE >								
	ST DM 28.6				R1	R2	R3	R4	L1	L2	L3	L4	
					50	50	50	50	50	50	50	50	
					< LFO >								
ALGO	15	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS					
MID C	C 3	TRI	25	00	10	99	OFF	1					
F.B	7												
SYNC	ON												

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00 +0	99	40	33	38	99	92	00	00	00	-L	A-1	00	-L	4	0	0	99
2		N	03.40	70 +0	99	19	20	09	99	87	00	00	00	+E	E 7	99	-L	2	0	0	67
3	C	N	01.00	00 +0	99	30	35	40	99	92	00	00	00	-L	G 3	00	-L	3	0	0	99
4		N	02.00	00 +7	68	11	50	21	91	82	42	00	00	-L	C 5	99	-L	3	0	5	91
5		N	05.32	33 +0	99	40	38	20	91	82	00	00	00	-L	A-1	00	-L	3	0	0	64
6		F	398.1	60 +0	99	49	28	12	91	82	00	00	00	-L	A-1	00	-L	3	0	0	69

## FUNCTION DATA


POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8



## 29-3 SMOOTH FC

### TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >								
	SMOOTH 29.3				R1	R2	R3	R4	L1	L2	L3	L4	
					99	99	99	99	50	50	50	50	
					< LFO >								
					WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
	ALGO	28											
	MID C	C 3											
	F.B	6											
	SYNC	ON											
	TRI	14	00	13	00	ON	1						

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	00.75	50	-2	55	99	99	49	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99	
2		N	00.75	50	-1	40	26	09	36	94	99	93	00	00	-L	B 3	68	-L	0	0	0	86	
3	C	N	00.50	00	-1	64	40	55	56	99	97	94	00	00	-L	A-1	00	-L	0	3	0	99	
4		N	00.50	00	-2	70	27	16	39	90	99	91	00	00	-L	A-1	00	-L	0	0	0	75	
5		N	00.50	00	-6	70	27	16	40	90	99	91	00	00	-L	B 3	53	-L	0	0	0	74	
6	C	N	02.00	00	-6	51	27	16	81	90	99	91	00	00	-L	A-1	17	-L	0	3	0	99	

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	ON	OFF	OFF
007	02	00						
NOTE LIMIT				LOW:C -2		HIGH:G 8		

## 29-4 PIZZICATO STRINGS

### TX816 VOICE DATA


<b>ALGORITHM :</b> 
------------------------

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						
NOTE LIMIT LOW:C -2 HIGH:G 8								

29-5 PEDAL STEEL FC

## TXB16 VOICE DATA

<div>ALGORITHM :</div> <div></div>	< NAME >				< PITCH ENVELOPE >										
	PDSTL 29.5				R1 R2 R3 R4 L1 L2 L3 L4										
					92 99 99 99 50 50 50 50										
ALGO 28				MID C C 3				< LFO >							
F.B 6				WAVE SPD DLY PMD AMD SYNC PMS											
SYNC ON				TRI 34 00 00 00 ON 2											

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	F	1.202	08 -3	80	36	31	53	99	92	76	00	00	-L	A-1	00	-L	1	3	0	99			
2		N	01.00	00 +0	27	72	22	52	52	99	00	00	00	-L	A-1	00	-L	1	0	1	83			
3	C	N	02.00	00 +4	97	32	30	54	99	95	83	00	00	-L	A-1	00	-L	0	3	0	99			
4		N	01.00	00 +3	77	40	19	50	99	94	78	00	00	-L	A-1	00	-L	0	0	0	62			
5		N	01.00	00 +7	65	49	28	46	99	95	79	00	00	-L	A-1	00	-L	0	0	2	71			
6	C	N	03.00	50 -3	84	32	37	53	99	95	61	00	00	-L	A-1	00	-L	0	3	2	89			


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	ON	ON	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## 29-6 GAS PIPE

## TX816 VOICE DATA

ALGORITHM :					<div>&lt; NAME &gt;</div>					<div>&lt; PITCH ENVELOPE &gt;</div>														
					G.PIP 29.6					<div>R1   R2   R3   R4   L1   L2   L3   L4</div> <div>54   99   99   99   50   50   50   48</div>														
					<div>ALGO</div> <div>MID C</div> <div>F.B</div> <div>SYNC</div>					<div>12</div> <div>C 3</div> <div>7</div> <div>OFF</div>					<div>&lt; LFO &gt;</div> <div>WAVE   SPD   DLY   PMD   AMD   SYNC   FMS</div> <div>TRI   35   00   02   00   ON   2</div>									
<div>&lt; FREQ &gt;</div> <div>OP   M   FC   FF   D   R1   R2   R3   R4   L1   L2   L3   L4   LD   LC   BP   RD   RC   R   M   V   TL</div>																								
1	C	N	02.00	00	+0	58	52	39	99	99	81	00	00	00	-L	A-1	00	-L	2	0	2	90		
2		F	9772.	99	+7	66	60	47	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99		
3	C	N	01.00	00	+0	64	99	99	75	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99		
4		N	01.00	00	-1	70	99	99	59	99	99	99	00	36	+L	F 3	00	-L	1	2	6	73		
5		N	01.57	57	+2	82	60	99	99	99	00	00	00	96	+L	D 3	00	-L	3	1	4	99		
6		N	11.88	98	-5	61	99	57	60	99	99	50	00	34	-L	F#3	00	-L	1	0	0	49		


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT      LOW:C -2      HIGH:G 8

**30-3 OCEAN**

## TX816 VOICE DATA

ALGORITHM :					< NAME >					< PITCH ENVELOPE >																			
					OCEAN 30.3					R1 R2 R3 R4 L1 L2 L3 L4 99 99 99 99 50 50 50 50																			
					ALGO 12 MID C C 3 F.B 7 SYNC OFF					< LFO > WAVE SPD DLY PMD AMD SYNC PMS S/H 99 00 70 00 ON 3																			
< FREQ >													< ENVELOPE >							< KBD SCALE >							< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL								
1	C	F	100.0	00 +0	99	42	36	23	99	91	81	00	00	-L	A-1	00	-L	3	3	6	76								
2		F	100.0	00 +0	99	99	99	02	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99								
3	C	F	1.000	00 +0	47	99	99	28	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99								
4		F	18.62	27 +0	99	99	21	04	99	99	62	00	00	-L	A-1	00	-L	0	0	0	99								
5		F	97.72	99 +0	99	99	99	02	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99								
6		F	1202.0	0B +0	27	35	30	00	99	76	95	00	00	-L	A-1	00	-L	0	0	0	76								


FUNCTION DATA

POLY /MOND	< PORTAMENTO > mode    gloss    time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range            step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT            LOW:C -2            HIGH:G 8

### 30-4 SMASH!

## TXB16 VOICE DATA

ALGORITHM :					<div>&lt; NAME &gt;</div>					<div>&lt; PITCH ENVELOPE &gt;</div>												
					SMASH 30.4					R1	R2	R3	R4	L1	L2	L3	L4					
										99	99	99	99	50	50	50	50					
										<div>&lt; LFD &gt;</div>												
					ALGO	15																
					MID C	C 3	WAVE	SPD	DLY	FMD	AMD	SYNC	PMS									
					FLB	6																
					SYNC	ON	S/H	99	00	51	99	OFF	7									
<div>&lt; FREQ &gt;</div>					<div>&lt; ENVELOPE &gt;</div>					<div>&lt; KBD SCALE &gt;</div>					<div>&lt; S &gt;</div>							
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	9120.	96	+0	99	91	55	50	99	95	00	00	00	-L	A-1	00	-L	0	1	0	99
2		F	1000.	00	+0	74	46	25	70	99	99	99	92	00	-L	A-1	00	-L	0	0	0	99
3	C	F	6026.	78	+0	99	51	60	53	99	88	00	00	00	-L	A-1	00	-L	0	0	4	99
4		F	3890.	59	+0	99	50	11	58	99	90	69	00	00	-L	A-1	00	-L	0	0	0	99
5		F	9120.	96	+0	99	58	69	99	99	95	19	99	00	-L	A-1	00	-L	0	0	0	99
6		N	04.00	00	+0	99	50	99	99	99	95	42	00	00	-L	A-1	00	-L	0	0	0	99


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT            LOW:C -2            HIGH:G 8

30-5 AIR FORCE

## TX816 VOICE DATA

<div>ALGORITHM 1</div> 					< NAME >					< PITCH ENVELOPE >							
					A.FCE 30.5					R1	R2	R3	R4	L1	L2	L3	L4
										00	00	00	99	71	50	00	99
										< LFO >							
					ALGO		18			WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
					MID C		C 1										
					F.B		7										
					SYNC		ON			TRI	35	00	00	00	00	00	

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	03.00	00	+0	07	22	28	64	99	66	00	00	00	-L	A-1	00	-L	0	0	0	86	
2		N	01.09	09	+0	50	00	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	0	69	
3		N	03.84	28	+0	32	00	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	0	62	
4		N	00.60	21	+0	41	00	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	0	69	
5		F	288.4	46	+0	10	02	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	0	87	
6		F	1072.	03	+0	94	00	99	99	99	00	00	00	00	-L	A-1	00	-L	0	0	0	66	


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT      LOW:C -2      HIGH:G 8

### 30-6 BIRDS

## TX816 VOICE DATA

ALGORITHM 1										<div>&lt; NAME &gt;</div>		<div>&lt; PITCH ENVELOPE &gt;</div>										
										BIRD 30.6		<div>R1 R2 R3 R4 L1 L2 L3 L4</div> <div>99 99 99 99 50 50 50 50</div>										
										ALGO 05		<div>&lt; LFO &gt;</div>										
										MID C C 3		WAVE SPD DLY PMD AMD SYNC PMS										
										F.B 0												
SYNC ON										TRI 35 00 00 00 00 ON 3												
<div>&lt; FREQ &gt;</div>										<div>&lt; ENVELOPE &gt;</div>				<div>&lt; KBD SCALE &gt;</div>				<div>&lt; S &gt;</div>				
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	04.74	58	+	46	65	74	80	99	00	18	00	00	-L	A-1	00	-L	0	0	0	99
2		F	38.02	58	+	57	99	99	80	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
3	C	F	3020.	48	+	57	62	74	99	99	00	71	00	00	-L	A-1	00	-L	0	0	0	99
4		F	43.65	64	+	75	28	99	42	99	98	99	00	00	-L	A-1	00	-L	0	0	0	92
5	C	N	07.00	00	+	63	53	99	99	99	47	00	00	00	-L	A-1	00	-L	0	0	0	99
6		F	53.70	73	+	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	83

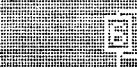
### FUNCTION DATA

POLY	< PORTAMENTO >			< MODULATION >				
/MONO	mode	gliss	time	MOD		F.C	B.C	A.TCH
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER >			range	99	99	99	46
	range	step		pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
006	02	00						

NOTE LIMIT      LOW:C -2      HIGH:G 8

**31-3 CELESTE**

## TX816 VOICE DATA

<div>ALGORITHM 1</div> 	< NAME >		< PITCH ENVELOPE >							
	CLSTE 31.3		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
	ALGO 07		< LFO >							
	MID C C 4		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
	F.B 7									
	SYNC ON		SQU	35	00	00	00	ON	0	

		< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >				
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+3	99	33	50	40	99	80	00	00	00	-L	A-1	00	-L	3	0	7	99
2		F	100.0	00	+	99	61	46	89	99	80	00	00	00	-L	D#4	46	-L	4	0	6	93
3	C	N	01.00	00	-4	99	31	50	38	99	80	00	00	00	-L	A-1	00	-L	3	0	7	99
4		N	05.00	00	+0	90	57	00	33	82	48	00	00	00	-L	D#4	00	-L	0	0	3	75
5		N	07.00	00	+0	99	64	00	0B	82	48	00	00	00	-L	D#4	46	-L	0	0	2	55
6		N	07.00	00	+0	99	77	55	00	78	78	00	00	00	-L	D 3	00	-L	0	0	1	B7


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode    gliss    time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range            step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

### 31-4 GLOCKENSPIEL

## TX816 VOICE DATA

<div>ALGORITHM :</div> 	< NAME >		< PITCH ENVELOPE >							
	GLOCK 31.4		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
	< LFO >									
	WAVE		SPD	DLY	PMD	AMD	SYNC	PMS		
SIN		34	33	00	00	OFF	2			

< FREQ >					< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	95	47	30	47	99	92	00	00	00	-L	A-1	00	-L	3	0	1	99
2		N	08.00	00	+0	99	46	35	00	80	75	67	00	00	-L	D#4	00	-L	4	0	2	88
3	C	N	01.00	00	+0	95	30	42	38	99	81	00	00	00	-L	G 2	00	-L	4	0	7	99
4		F	100.0	00	+0	99	70	00	97	82	48	00	00	00	-L	A 3	00	-L	0	0	1	99
5		N	04.00	00	+0	99	55	00	96	99	00	00	00	97	-L	F 5	00	-L	0	0	5	69
6		N	16.00	00	+0	94	56	24	55	96	78	00	00	00	-L	A-1	00	-L	1	0	5	72


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< F.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## 31-5 GONGS

## TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >																		
	GONG 31.5		R1	R2	R3	R4	L1	L2	L3	L4											
			99	98	75	60	50	50	50	50											
			< LFO >																		
ALGO 16 MID C C 3 F.B 5 SYNC OFF			WAVE	SPD	DLY	PMD	AMD	SYNC	PMS												
			SQU	35	89	00	00	ON	4												
< FREQ >			< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00 +0	86	26	20	31	99	95	41	00	00	-L	A-1	00	-L	0	0	1	99
2		N	00.80	60 +0	86	26	20	30	99	95	41	00	00	-L	A-1	00	-L	0	0	2	72
3		N	00.74	49 +0	18	30	15	39	87	87	00	00	00	-L	A-1	00	-L	0	0	1	74
4		N	03.00	00 +0	18	30	15	22	95	87	00	00	00	-L	A-1	00	-L	0	0	2	84
5		N	01.40	40 +0	18	30	15	18	95	87	00	00	00	-L	A-1	00	-L	0	0	7	82
6		N	01.20	20 +0	23	25	07	14	86	96	00	00	00	-L	A-1	00	-L	0	0	2	36

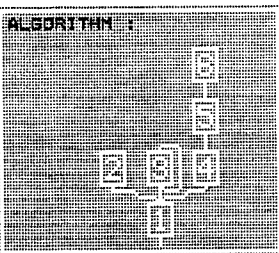
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 31-6 REFEREE'S WHISTLE

## TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >																		
	RFWSL 31.6		R1	R2	R3	R4	L1	L2	L3	L4											
			38	67	95	60	39	50	50	50											
			< LFO >																		
ALGO 18 MID C C 3 F.B 2 SYNC ON	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS														
	S/H	99	00	00	00	ON	6														
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	2089.	32 +0	60	39	28	49	99	99	99	00	00	-L	A-1	00	-L	4	0	1	90
2		F	33.88	53 +0	60	39	28	45	99	99	99	00	00	-L	A-1	00	-L	4	0	0	93
3		F	46.77	67 +0	60	39	08	00	99	99	99	00	00	-L	A-1	00	-L	4	0	0	66
4		F	6607.	82 +0	94	68	24	55	96	89	00	00	00	-L	A-1	00	-L	1	0	0	75
5		F	1.000	00 +0	99	00	00	00	99	00	00	00	00	-L	D 3	00	-L	0	0	0	64
6		F	10.00	00 +0	94	56	24	55	96	78	00	00	00	-L	A-1	00	-L	1	0	0	78

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

### 32-3 TUNED BELLS

## TXB16 VOICE DATA

ALGORITHM :	< NAME >		< PITCH ENVELOPE >																			
	TDBLS 32.3		R1	R2	R3	R4	L1	L2	L3	L4												
			97	94	75	99	49	51	50	50												
	ALGO		27	< LFO >																		
	MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS													
F.B	5	SAW-	25	14	00	00	OFF	1														
SYNC	OFF																					
< FREQ >											< ENVELOPE >				< KBD SCALE >				< S >			
DP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.50	00 +0	94	28	99	37	99	25	00	00	12	-L	C#2	19	-L	0	0	2	91	
2	C	N	01.18	18 +0	94	28	99	29	99	25	00	00	12	-L	C#2	00	-L	0	0	0	93	
3		N	03.15	05 +0	94	28	99	29	99	25	00	00	12	-L	C#2	13	-L	0	0	0	85	
4	C	N	01.18	18 -7	94	28	15	29	99	25	00	00	12	-L	C#2	00	-L	0	0	0	83	
5		F	1.000	00 +7	94	28	99	21	99	25	00	00	12	-L	C#2	12	+L	2	0	0	82	
6		N	03.15	05 +1	94	28	99	23	99	25	00	00	12	-L	C#2	08	-L	0	0	0	87	

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## 32-4 ANCHLUNG

## TX816 VOICE DATA

ALGORITHM :					< NAME >					< PITCH ENVELOPE >												
					ANLNG 32.4					R1	R2	R3	R4	L1	L2	L3	L4					
										99	99	99	99	50	50	50	50					
					ALGO 05					< LFD >												
MID C C 3					WAVE SPD DLY PMD AMD SYNC PMS																	
F.B 6																						
SYNC OFF					TR1 35 00 00 00 ON 3																	
< FREQ >					< ENVELOPE >					< KBD SCALE >					< S >							
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+	99	99	40	55	99	99	00	00	00	-L	A-1	00	-L	2	0	1	99
2		N	02.24	12	+	60	99	60	99	57	99	68	88	00	-L	A-1	00	-L	0	0	2	85
3	C	N	01.00	00	+	35	99	46	49	50	99	00	00	00	-L	A-1	00	-L	3	0	1	99
4		F	1905.	28	+	99	99	57	99	99	99	00	00	00	-L	A-1	00	-L	0	0	2	79
5	C	N	00.50	00	+	35	99	43	60	40	99	00	00	00	-L	A-1	00	-L	0	0	1	99
6		N	02.04	02	+	64	99	65	99	99	99	00	57	00	-L	A-1	00	-L	0	0	2	84

### FUNCTION DATA


POLY /MONO	< PORTAMENTO > mode gliss time		
POLY	retai	OFF	00
LEVEL ATT	< P.BENDER > range step		
007	02	00	

< MODULATION >		MOD	F.C	B.C	A.TCH
range		99	99	99	46
pitch		ON	OFF	OFF	ON
amp		OFF	OFF	OFF	OFF
EG-bias		OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

32-5 KNOCK CLAV

## TX816 VOICE DATA

<div>ALGORITHM :</div> <div></div>	< NAME >		< PITCH ENVELOPE >							
	NCLAV 32.5		R1	R2	R3	R4	L1	L2	L3	L4
			B4	95	95	60	50	50	50	50
	ALGO 16		< LFO >							
	MID C C 2		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
	F.B 7									
	SYNC ON	SIN	37	00	00	00	OFF	5		

< FREQ >					< ENVELOPE >								< KBD SCALE >				< S >				
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00 +0	99	37	17	56	99	70	55	00	50	+L	C 2	00	-L	4	0	1	99
2		F	100.0	00 +0	99	66	17	23	99	61	45	00	00	+L	C 3	14	+L	0	0	6	98
3		N	03.00	00 +0	99	46	17	61	99	61	45	00	00	+L	C 3	14	+L	0	0	4	84
4		N	12.00	00 +0	99	38	17	43	99	70	62	00	00	+L	C 3	14	+L	0	0	0	55
5		N	01.00	00 +0	99	46	17	14	99	61	45	00	00	+L	C 3	14	+L	0	0	4	72
6		N	21.00	00 +0	99	46	17	99	99	61	45	95	04	+L	C 3	55	-L	0	0	2	76


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

32-6 BIG BEN

## TX816 VOICE DATA

ALGORITHM :					<div>&lt; NAME &gt;</div>					<div>&lt; PITCH ENVELOPE &gt;</div>											
					B.BEN 32.6					<div>R1 R2 R3 R4 L1 L2 L3 L4</div> <div>99 99 99 99 50 50 50 50</div>											
					<div>ALGO 06</div> <div>MID C C 3</div> <div>F.B 0</div> <div>SYNC ON</div>					<div>&lt; LFO &gt;</div> <div>WAVE SPD DLY PMD AMD SYNC PMS</div> <div>TRI 35 00 00 00 00 ON 3</div>											
<div>&lt; FREQ &gt;</div>					<div>&lt; ENVELOPE &gt;</div>					<div>&lt; KBD SCALE &gt;</div>					<div>&lt; S &gt;</div>						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BF	RD	RC	R	M	V	TL
1	C	F 109.6	04	+0	99	99	76	22	99	99	98	00	00	-L	A-1	00	-L	0	0	0	99
2		F 257.0	41	+0	99	99	66	33	99	99	97	00	00	-L	A-1	00	-L	0	0	0	82
3	C	F 57.54	76	+0	99	99	99	21	99	99	99	00	00	-L	A-1	00	-L	3	0	0	97
4		F 112.2	05	+0	99	47	20	23	99	96	92	00	00	-L	A-1	00	-L	0	0	0	96
5	C	F 138.0	14	+0	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6		F 489.8	69	+0	93	53	28	21	86	85	52	00	00	-L	A-1	00	-L	0	0	0	95

### FUNCTION DATA


POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	99	99	46
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT      LOW:C -2      HIGH:G 8



## 24-7 DOUBLE BASS

### TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	D.BAS 24.7				R1	R2	R3	R4	L1	L2	L3	L4
					94	67	95	60	50	50	50	50
					< LFO >							
ALGO		17		WAVE		SPD	DLY	PMD	AMD	SYNC	PMS	
MID C		C 1										
F.B		6										
SYNC		OFF				SIN	45	33	62	00	OFF	1

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	2.512	40	+0	45	30	25	44	94	98	97	00	00	-L	A-1	00	-L	2	0	2	99	
2		N	01.00	00	-1	68	81	15	42	82	90	91	00	00	-L	D#4	00	-L	1	0	0	82	
3		N	01.00	00	+1	89	45	35	32	94	97	99	00	00	+L	F 3	29	-L	2	0	1	74	
4		N	01.00	00	-1	96	50	32	54	91	94	95	00	00	-L	A-1	00	-L	2	0	0	89	
5		N	02.00	00	+7	90	88	38	32	97	92	84	00	00	-L	C 3	39	-L	3	0	1	62	
6		N	07.00	00	+3	53	64	32	54	70	89	90	00	00	+L	E 4	00	-L	6	0	1	94	


### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	follo	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

## 25-7 HARMONIC BASS

### TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	H.BAS 25.7				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
					< LFO >							
ALGO		12		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C		C 2										
F.B		5										
SYNC		ON		TRI	35	00	00	00	ON	3		

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	02.00	00	+0	99	28	28	99	99	82	00	00	00	-L	A-1	00	-L	4	0	0	99		
2		N	00.50	00	+0	93	90	39	99	93	99	92	00	00	-L	A-1	00	-L	0	0	5	88		
3	C	F	1.000	00	+0	95	52	31	77	99	98	00	00	00	-L	A-1	00	-L	2	0	0	99		
4		N	00.50	00	-1	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	6	90		
5		N	01.00	00	+0	99	35	17	99	99	95	90	00	00	-L	A-1	00	-L	3	0	1	60		
6		N	06.00	00	+1	73	60	11	69	98	48	29	00	00	-L	E 3	18	-L	5	0	3	60		


### FUNCTION DATA

POLY /MOND	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range pitch amp EG-bias	99	00	00	53
007	02	00	ON		OFF	OFF	ON	
			OFF		OFF	OFF	OFF	
			OFF		OFF	OFF	OFF	

NOTE LIMIT LOW:C -2 HIGH:G 8

## 26-7 FUNK BASS 1

TXB16 VOICE DATA

<b>ALGORITHM 1</b> 	< NAME >		< PITCH ENVELOPE >							
	F.BAS 26.7		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO 09		< LFO >							
MID C C 2		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B 4										
SYNC OFF		TRI	38	00	00	00	ON	3		

< FREQ >					< ENVELOPE >									< KBD SCALE >					< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	-3	88	50	19	65	99	87	71	00	00	-L	A-1	00	-L	5	0	0	99
2		N	00.50	00	+0	71	75	19	53	99	91	75	63	00	-L	D#3	15	-L	3	0	6	99
3	C	N	00.50	00	+0	88	82	18	67	99	94	54	00	00	-L	A-1	00	-L	4	0	1	99
4		F	3467.	54	-2	99	75	37	40	99	46	00	00	00	-L	B 2	07	-L	2	0	7	79
5		N	00.50	00	+0	66	80	14	67	99	94	00	54	00	-L	A-1	00	-L	5	0	5	99
6		N	05.00	00	+0	88	30	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	6	74


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	00	53
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

## 27-7 SMOOTH BASS 1

TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	S.BAS 27.7		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	12	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	5	TRI	35	00	00	00	ON	3		
SYNC	ON									


< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	1.259	10	+0	80	26	18	59	99	97	00	00	00	-L	A-1	00	-L	4	0	0	99	
2		N	00.50	00	+0	93	72	39	57	93	99	92	00	00	-L	A-1	00	-L	0	0	2	90	
3	C	F	1.820	26	+0	82	52	23	67	99	99	00	00	00	-L	A-1	00	-L	4	0	0	99	
4		N	00.50	00	-1	99	99	99	66	99	99	99	00	00	-L	A-1	00	-L	3	0	1	90	
5		N	01.00	00	+0	99	99	99	64	99	99	99	00	00	-L	A-1	00	-L	4	0	1	71	
6		N	07.50	25	+1	64	54	40	72	81	83	00	00	00	-L	E 3	18	-L	5	0	4	62	

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	99	00	00	53
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT      LOW:C -2      HIGH:G 8

## TXB16 VOICE DATA

<div>ALGORITHM :</div> <div></div>	< NAME >				< PITCH ENVELOPE >							
	WDBSS 28.7				R1 R2 R3 R4 L1 L2 L3 L4							
	00 00 00 00 50 50 50 50											
	ALGO 22				< LFO >							
MID C C 2				WAVE SPD DLY PMD AMD SYNC PMS								
F.B 4												
SYNC ON				SIN 05 42 02 99 OFF 4								

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	01.00	00	+4	99	30	80	67	99	00	00	00	72	-E	F	2	0B	-E	3	0	0	99	
2		N	00.50	00	+0	99	28	00	99	99	00	00	00	00	-L	F	2	00	-L	7	0	6	99	
3	C	N	01.00	00	-4	99	30	80	54	99	00	00	00	00	-L	F	2	00	-L	3	0	3	99	
4	C	N	00.50	00	+2	99	30	80	54	99	00	00	00	00	-L	F	2	00	-L	3	0	0	99	
5	C	N	03.00	50	-5	99	27	80	67	99	52	50	00	00	-L	F	2	00	-L	7	0	0	71	
6		N	02.00	00	-7	99	49	00	99	99	00	00	00	00	-L	F	2	00	-L	5	0	3	93	

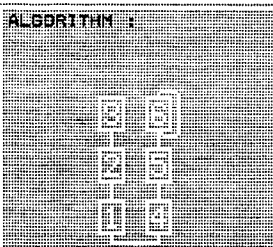
FUNCTION DATA

POLY /MOND	< PORTAMENTO > mode gliss time		
POLY	retai	OFF	00
LEVEL ATT	< P.BENDER > range step		
007	02	00	

< MODULATION >				
	MOD	F.C	B.C	A.TCH
range	99	00	00	53
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

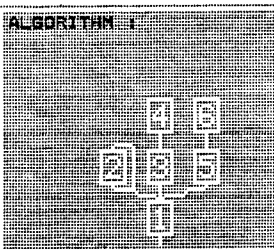
## TX816 VOICE DATA

ALGORITHM :										< NAME >		< PITCH ENVELOPE >																							
										SMBSS 29.7		<table><tr><td>R1</td><td>R2</td><td>R3</td><td>R4</td><td>L1</td><td>L2</td><td>L3</td><td>L4</td></tr><tr><td>B4</td><td>95</td><td>95</td><td>60</td><td>50</td><td>50</td><td>50</td><td>50</td></tr></table>								R1	R2	R3	R4	L1	L2	L3	L4	B4	95	95	60	50	50	50	50
										R1	R2	R3	R4	L1	L2	L3	L4																		
B4	95	95	60	50	50	50	50																												
										ALGO 03		< LFO >																							
										MID C C 1		<table><tr><td>WAVE</td><td>SPD</td><td>ILY</td><td>PMD</td><td>AMD</td><td>SYNC</td><td>PMS</td></tr><tr><td>TRI</td><td>37</td><td>00</td><td>00</td><td>00</td><td>OFF</td><td>4</td></tr></table>								WAVE	SPD	ILY	PMD	AMD	SYNC	PMS	TRI	37	00	00	00	OFF	4		
WAVE	SPD	ILY	PMD	AMD	SYNC	PMS																													
TRI	37	00	00	00	OFF	4																													
										F.B 7																									
										SYNC ON																									
< FREQ >																																			
< ENVELOPE >																																			
< KBD SCALE >																																			
< S >																																			
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL													
1	C	N	02.00	00	+0	99	76	99	99	99	88	96	00	00	+L	C 3	00	+L	0	0	0	99													
2		N	01.00	00	+0	61	38	25	47	99	72	72	00	00	+L	C 3	00	+L	0	0	1	78													
3		N	01.00	00	+0	99	39	25	35	99	71	64	00	00	+L	C 3	00	+L	0	0	0	88													
4	C	N	01.00	00	+7	99	76	99	99	99	88	96	00	00	+L	C 3	00	+L	0	0	0	99													
5		N	01.00	00	+7	99	39	25	71	99	71	64	00	00	+L	C 3	00	+L	0	0	2	81													
6		N	01.00	00	+7	61	38	25	32	99	72	72	00	00	+L	C 3	00	+L	0	0	0	75													

FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	00	53
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

<div>ALGORITHM 1</div> 	< NAME >		< PITCH ENVELOPE >								
	F.BSS 30.7		R1	R2	R3	R4	L1	L2	L3	L4	
			99	99	99	99	50	50	50	50	
	ALGO	17	< LFO >								
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS			
F.B	7	TRI	35	00	00	00	ON	3			
SYNC	ON										


< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+2	99	64	33	71	99	86	00	00	00	-L	A-1	00	-L	0	0	2	99	
2		N	03.00	00	+5	59	99	22	71	99	86	00	00	00	00	-L	A-1	00	-L	5	0	5	69
3		N	00.50	00	+0	59	99	99	71	99	99	99	00	00	00	-L	A-1	00	-L	5	0	0	75
4		N	09.00	00	-1	59	99	41	71	99	99	00	00	00	00	-L	A-1	00	-L	5	0	7	63
5		N	09.00	00	+0	99	99	38	99	99	99	00	00	00	00	-L	A-1	00	-L	5	0	7	70
6		N	06.00	00	+0	99	99	62	99	99	99	00	00	00	00	-L	A-1	00	-L	4	0	5	99

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	00	53
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:C -2 HIGH:G 8

## 31-7 FUNK BASS 3

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >								
	F.BSS 31.7		R1	R2	R3	R4	L1	L2	L3	L4	
			94	67	95	60	50	50	50	50	
	ALGO	16	< LFO >								
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS			
F.B	7	TRI	35	00	00	00	OFF	3			
SYNC	ON										

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >	
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BF	RD	RC	R	M	V	TL	
1	C	N	00.50	00	+0	95	62	17	58	99	95	32	00	57	+L	A 2	14	-L	7	0	0	99
2		N	00.50	00	+0	99	20	00	00	99	00	00	00	00	-L	D 3	00	-L	7	0	0	80
3		N	00.50	00	+0	88	96	32	30	79	65	00	00	00	-L	A-1	00	-L	6	0	3	99
4		N	05.00	00	+0	90	42	07	55	90	30	00	00	00	-L	A-1	00	-L	5	0	5	93
5		N	00.50	00	+0	99	00	00	00	99	00	00	00	75	-L	C#4	00	-L	7	0	3	62
6		N	09.00	00	+0	94	56	24	55	93	28	00	00	00	-L	A-1	00	-L	1	0	7	85

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	00	53
				pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	02	00						

NOTE LIMIT LOW:C -2 HIGH:G 8

<div>ALGORITHM :</div> <div></div>
------------------------------------


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER >			range	99	00	00	53
	range step			pitch	ON	OFF	OFF	ON
				amp	OFF	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:C -2      HIGH:G 8

24-8 METAL BLOCKS E<sub>3</sub> ↑

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >		< PITCH ENVELOPE >							
	MBLOK 24.8		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
			< LFO >							
ALGO	05	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C	C 4	S/H	35	00	00	00	ON	3		
F.B	7									
SYNC	ON									

< FREQ >					< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.17	17 +0	99	57	99	49	99	00	00	00	99	-L	B	3	00	-L	2	0	2	99
2		N	04.00	00 +0	99	54	99	46	99	00	00	00	00	-L	A-1	00	-L	2	0	6	92	
3	C	N	03.09	03 +0	99	56	99	57	99	00	00	00	99	-L	B	3	00	-L	2	0	2	99
4		F	1779.	25 +0	99	56	99	46	99	00	00	00	00	-L	A-1	00	-L	2	0	6	94	
5	C	F	1175.	07 +0	99	36	99	29	99	00	00	00	00	-L	A	3	99	-E	7	0	2	99
6		N	08.10	35 +0	94	00	99	00	99	00	00	00	00	-L	C	8	00	-L	2	0	5	99

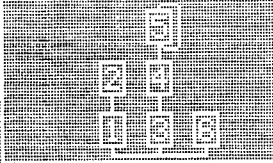
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	follo	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	99	00	99	46
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF
007	02	00						

NOTE LIMIT      LOW:E 3      HIGH:G 8

25-8 SYNTH DRUMS E<sub>3</sub> ↑

TX816 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	SYNDM 25.8				R1	R2	R3	R4	L1	L2	L3	L4
					99	87	99	01	50	00	00	50
					< LFO >							
ALGO	28	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS				
MID C	C 2	TRI	35	00	00	00	ON	3				
F.B	7											
SYNC	ON											


< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >	
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00 +0	99	26	99	55	99	00	00	00	00	-L	A-1	00	-L	7	0	7	99
2		N	10.00	00 +0	99	77	91	40	99	82	00	00	00	-L	A-1	00	-L	7	0	3	99
3	C	F	1.000	00 +0	99	53	99	53	99	00	00	00	00	-L	A-1	00	-L	2	0	7	96
4		F	3981.	60 +0	99	99	99	11	99	99	99	00	00	-L	A-1	00	-L	2	0	0	99
5		N	31.00	00 +0	99	99	99	06	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6	C	N	01.00	00 +0	99	26	99	64	99	00	00	00	00	-L	A-1	00	-L	7	0	7	99

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
				MOD	F.C	B.C	A.TCH	
POLY	retai	OFF	00					
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	05	00						

NOTE LIMIT      LOW:E 3      HIGH:G 8

## TXB16 VOICE DATA

<b>ALGORITHM :</b> 	< NAME >				< PITCH ENVELOPE >							
	TMB 26.8				R1 R2 R3 R4 L1 L2 L3 L4							
	ALGO 16				98 98 75 60 50 51 50 50							
	MID C C 4				< LFO >							
F.B 7				WAVE SPD DLY PMD AMD SYNC PMS								
SYNC ON				TRI 11 00 16 00 OFF 2								


< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >				
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	N	00.50	00	+	0	99	36	98	39	99	00	00	00	00	-L	A-1	00	+L	4	0	1	99	
2		N	00.50	00	+	3	99	74	20	20	99	00	00	00	00	-L	D	3	00	-E	1	0	1	86
3		N	00.68	36	-	3	99	77	26	23	99	72	00	00	00	-L	A-1	00	-E	3	0	0	85	
4		N	00.87	75	+	0	99	31	17	30	99	75	00	00	00	+L	F	6	00	-E	4	0	3	87
5		N	00.50	00	+	0	99	50	26	19	99	00	00	00	00	+L	F	6	00	-E	0	0	1	73
6		N	00.78	56	+	0	98	02	26	27	98	00	00	00	00	-L	C	0	00	+E	3	0	1	73

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	05	00						

NOTE LIMIT LOW:E 3 HIGH:G 8

## TXB16 VOICE DATA

<b>ALGORITHM :</b>  	< NAME >				< PITCH ENVELOPE >							
	SKLS 27.8				R1 R2 R3 R4 L1 L2 L3 L4							
	ALGO 06				98 98 98 98 53 51 50 50							
	MID C C 3				< LFO >							
F.B 6				WAVE SPD DLY PMD AMD SYNC PMS								
SYNC ON				SAW+ 17 33 00 00 ON 0								

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >		
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+	0	99	54	60	60	99	90	00	00	00	-L	A-1	00	-L	2	0	1	99
2		N	06.40	60	+	0	99	80	50	50	99	75	00	00	00	-L	A-1	00	-L	2	0	0	85
3	C	N	01.00	00	+	0	99	54	71	71	99	72	00	00	00	-L	A-1	00	-L	2	0	0	99
4		N	01.80	80	+	0	99	80	50	50	99	75	00	00	00	-L	A-1	00	-L	2	0	0	89
5	C	N	01.00	00	+	0	99	57	53	53	99	72	00	00	00	-L	A-1	00	-L	3	0	0	99
6		N	03.30	65	+	0	99	75	54	54	99	86	00	00	00	-L	A-1	00	-L	1	0	0	77

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	05	00						

NOTE LIMIT LOW:E 3 HIGH:G 8

## TX816 VOICE DATA

<div>ALGORITHM 1</div>	< NAME >		< PITCH ENVELOPE >							
	QKR 28.8		R1	R2	R3	R4	L1	L2	L3	L4
			80	87	99	99	40	50	50	38
			< LFO >							
ALGO	07	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C	C 4	TRI	35	28	59	85	ON	2		
F.B	7									
SYNC	ON									

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00 +7	99	59	61	68	46	92	74	00	00	-L	A-1	00	-L	0	0	1	93
2		N	00.81	63 -7	59	46	50	99	67	96	00	99	00	-L	A-1	00	-L	1	0	2	64
3	C	N	00.50	00 -7	57	65	57	71	64	95	71	00	00	-L	A-1	00	-L	0	0	1	99
4		N	00.68	36 -1	73	75	57	57	67	64	59	50	00	-L	A-1	00	-L	2	0	0	87
5		F	1995.30	+0	74	82	30	81	56	60	32	68	00	-L	A-1	00	-L	0	0	0	88
6		F	2291.36	+4	93	43	17	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99


## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	05	00						

NOTE LIMIT LOW:E 3 HIGH:G 8

29-8. CASTANETS E<sub>3</sub> ↑

## TX816 VOICE DATA

<div>ALGORITHM 1</div> 	< NAME >		< PITCH ENVELOPE >							
	CSTNT 29.8		R1	R2	R3	R4	L1	L2	L3	L4
			98	98	98	73	50	50	50	50
			< LFO >							
ALGO	06	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C	C 3	TRI	04	00	00	00	ON	4		
F.B	7									
SYNC	ON									

< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL			
1	C	F	2.630	42 +0	99	39	62	28	99	99	66	00	00	-L	A-1	00	+L	0	0	1	99			
2		F	2291.36	+3	85	77	99	69	99	86	00	00	00	-L	D 3	00	-E	0	0	7	99			
3	C	F	1.950	29 -3	99	39	62	28	99	99	66	00	00	-L	A-1	00	+L	0	0	1	99			
4		F	2188.34	+0	92	77	99	69	99	86	00	00	00	-L	D 3	00	-E	0	0	2	99			
5	C	F	3.388	53 +0	99	39	62	28	99	99	66	00	00	-L	A-1	00	+L	0	0	3	99			
6		F	9120.96	+0	92	77	99	69	99	86	00	00	00	-L	D 3	00	-E	0	0	5	99			

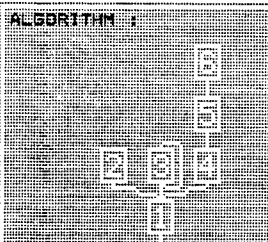
## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF
007	05	00						

NOTE LIMIT LOW:E 3 HIGH:G 8



## TX816 VOICE DATA

<div>ALGORITHM :</div> 	< NAME >				< PITCH ENVELOPE >							
	TMBRN 30.8				R1 R2 R3 R4 L1 L2 L3 L4							
					98 98 98 98 50 50 50 50							
	< LFO >											
	WAVE SPD DLY PMD AMD SYNC PMS											
ALGO 18				TRI 35 00 00 00 ON 3								
MID C C 3												
F.B 7												
SYNC ON												

< FREQ >				< ENVELOPE >								< KBD SCALE >								< S >			
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F 6166.	79	+0	99	99	46	52	99	99	00	00	00	-L	A-1	00	-L	1	0	2	99		
2		F 17.38	24	+0	99	99	21	33	99	99	99	00	00	-L	A-1	00	-L	1	0	0	88		
3		F 8718.	94	+0	99	88	48	21	99	73	00	00	00	-L	A-1	00	-L	1	0	1	99		
4		F 112.2	05	+0	99	47	20	23	99	99	99	00	00	-L	A-1	00	-L	1	0	0	82		
5		F 812.8	91	+0	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	1	0	0	47		
6		F 1000.	00	+0	99	53	28	21	86	85	52	00	00	-L	A-1	00	-L	0	0	0	78		

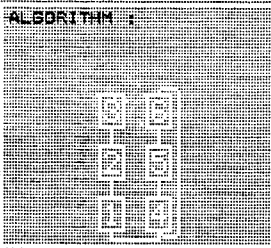
FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD		F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
007	05	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT      LOW:E 3      HIGH:G 8

## TX816 VOICE DATA

ALGORITHM :



< NAME >	
HDRUM 31.8	
ALGO	04
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
75	28	57	99	50	50	48	50
< LFO >							
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
TRI	35	00	00	00	ON	0	

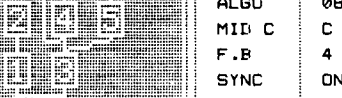
< FREQ >					< ENVELOPE >								< KBD SCALE >								< S >	
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.76	52 +0	84	99	47	50	50	99	00	00	00	-L	A-1	00	-L	3	0	1	99	
2		N	00.52	05 +0	82	49	43	29	99	00	00	00	00	-L	A-1	00	-L	5	0	3	78	
3		N	00.92	85 +0	92	70	39	26	97	80	00	00	00	-L	A-1	00	-L	2	0	1	96	
4	C	N	01.64	64 +0	94	71	46	45	99	90	00	00	00	-L	A-1	00	-L	5	0	2	99	
5		F	501.2	70 +0	72	99	57	40	99	99	00	00	00	-L	F#2	00	-L	4	0	3	75	
6		N	02.96	48 +0	67	99	60	38	71	93	00	39	00	-L	C#2	00	-L	6	0	4	90	

### FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00		MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
007	05	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT            LOW:E 3            HIGH:G 8

## TXB16 VOICE DATA

<b>ALGORITHM :</b>  	< NAME >				< PITCH ENVELOPE >							
	TRIGL 32.8				R1	R2	R3	R4	L1	L2	L3	L4
					99	99	99	99	50	50	50	50
	ALGO 08 MID C C 3 F.B 4 SYNC ON				< LFO >							
WAVE					SPD	DLY	PMD	AMD	SYNC	PMS		
TRI					35	00	00	00	ON	3		

< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	9333.	97 +0	89	60	14	42	99	00	00	00	00	-L	A-1	00	-L	0	0	2	99
2		F	2570.	41 +0	99	42	27	28	99	79	00	79	00	-L	A-1	99	-L	0	0	1	99
3	C	F	3236.	51 -7	99	54	45	41	99	00	00	00	00	-L	A-1	00	-L	0	0	2	95
4		F	7586.	88 +7	82	49	99	00	97	00	00	00	00	-L	A-1	00	-L	0	0	0	87
5		F	8318.	92 +0	99	48	99	00	99	48	99	00	00	-L	A-1	00	-L	0	0	7	73
6		F	977.2	99 +0	99	99	99	00	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80

## FUNCTION DATA

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	follo	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	53	53	99	53
				pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
007	07	00		EG-bias	OFF	OFF	OFF	OFF

NOTE LIMIT LOW:E 3 HIGH:G 8

